

$\{x_{i,j}^{(k)}\}_{i,j=1}^n$  and  $\{y_{i,j}^{(k)}\}_{i,j=1}^n$  are the  $k$ th iteration of the  $x$  and  $y$  variables, respectively. The  $\{x_{i,j}^{(k)}\}_{i,j=1}^n$  and  $\{y_{i,j}^{(k)}\}_{i,j=1}^n$  are updated by the following equations: